Amendments to the Claims:

Please amend the claims as indicated.

1. (Currently Amended) A method of creating a template, said method comprising:

disposing a diamond-like composition on a surface of said template having properties sufficient to be substantially transmissive of a predetermined wavelength and provide said surface with a predetermined surface energy to minimize adhesion to a material in contact therewith.

2. (Original) The method as recited in claim 1 wherein disposing further includes disposing said diamond-like composition from a set of diamond-like compositions consisting of including diamond-like carbon (DLC) and diamond-like nano-composites.

3. CANCELLED

4. (Original) The method as recited in claim 1 wherein said predetermined wavelength includes UV light.

5. (Original) The method as recited in claim 1 where disposing further includes patterning said diamond-like composition.

6. (Original) The method as recited in claim 1 further including doping said diamond-like composition with electrically conductive elements.

7. (Previously Presented) The method as recited in claim 1 further including depositing an electrically conductive layer upon said template before depositing said diamond-like composition.

8. (Previously Presented) The method as recited in claim 1 further including depositing an electrically conductive layer upon said template before depositing said diamond-like composition and patterning said diamond-like composition to selectively expose regions of said electrically conductive layer.

9. (Original) The method as recited in claim 1 further including forming said template from a fused-silica.

10. (Currently Amended) A method of creating a template, said method comprising:

disposing a diamond-like composition on a surface of said template having properties sufficient to be substantially transmissive of a predetermined wavelength and provide said surface with a predetermined surface energy to minimize adhesion to a material in contact therewith; and

patterning said diamond-like composition to includes a plurality of protrusions and recesses.

11. (Currently Amended) The method as recited in claim 10 wherein disposing further includes disposing said diamond-like composition from a set of diamond-like compositions consisting of including diamond-like carbon (DLC) and ~~[[DYLYN®]]~~ diamond-like nano-composites.

12. (Original) The method as recited in claim 10 wherein said predetermined wavelength includes UV light.

13. (Original) The method as recited in claim 10 further including doping said diamond-like composition with electrically conductive elements.

14. (Previously Presented) The method as recited in claim 10 further including depositing an electrically conductive layer upon said template before depositing said diamond-like composition.

15. (Previously Presented) The method as recited in claim 10 wherein patterning further includes said diamond-like composition to selectively expose regions of said electrically conductive layer.

16. (Currently Amended) A method of creating a template, said method comprising:

forming an electrically conductive layer on said template having properties to be substantially transmissive of a predetermined wavelength;

disposing a diamond-like composition on a surface of said template having properties sufficient to be substantially transmissive of said predetermined wavelength and provide said surface with a predetermined surface energy to minimize adhesion to a material in contact therewith; and

patterning said diamond-like composition to includes a plurality of protrusions and recesses and selective expose portions of said electrically conductive layer.

17. (Currently Amended) The method as recited in claim 16 wherein disposing further includes disposing said diamond-like composition from a set of diamond-like compositions consisting of including diamond-like carbon (DLC) and ~~[[DYLYN®]]~~ diamond-like nano-composites.

18. (Previously Presented) The method as recited in claim 16 wherein said predetermined wavelength includes UV light.

19. (Previously Presented) The method as recited in claim 16 further including depositing an electrically conductive layer upon said template before depositing said diamond-like composition.

20 – 25. Cancelled.

21. (New) The method as recited in claim 1 wherein disposing said diamond-like composition further includes minimizing adhesion between said surface and a polymerizable material.

22. (New) The method as recited in claim 10 wherein disposing said diamond-like composition further includes minimizing adhesion between said surface and a polymerizable material.

23. (New) The method as recited in claim 16 wherein disposing said diamond-like composition further includes minimizing adhesion between said surface and a polymerizable material.

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